

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

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CIA-RDP86-00513R0005

L 16458-66

ACC NR: AP6009075

SOURCE CODE: UR/0105/65/000/004/0094/0094

AUTHOR: Alatortsev, S. A.; Blazhkin, A. T.; Gladilin, I. V.; Ivanov, A. A.;  
Leybov, R. M.; Ozernyy, M. I.; Pirotskii, P. P.; Rengevich, A. A.; Rozenman, Ye. A.;  
Rys'yev, A. V.; Tulin, V. S.; Trop, A. Ye.

ORG: none

33

TITLE: Professor S. A. Volotkovskiy

SOURCE: Elektrichestvo, no. 4, 1965, 94

TOPIC TAGS: electric engineering personnel, mining engineering

ABSTRACT: In this salute to Prof. Volotkovskiy on his 60th birthday, the dozen signers of the article state that he, as head of the department of electrification of mining operations and industrial enterprises of the Dnepropetrovsk mining institute, has been a leader in the electrification and modernization of mining processes. In the field since 1920, Sergey Andronikovich completed his studies in the Dnepropetrovsk mining institute. He worked in the institute from 1930-1941. He became a doctor of technical sciences and professor in 1950, while at the Sverdlovsk mining institute. He returned to the Dnepropetrovsk mining institute in 1959. A member of the party since 1927, he has published over 130 works. Orig. art. has: 1 figure.  
[JPRS]

SUB CODE: 08, 09 / SUBM DATE: none  
Card 1/1 mc

UDC: 622:621.311.002,5

Z

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SIMIC, C.; GLADILIN, N.; PETROVIC, Z.; LEPES, T.

Intestinal parasites in man in Yugoslavia. III. Intestinal  
parasites in school children in Metohia. Glas. srpske akad.  
nauka, odelj med. 211 no.7:109-120 1953.

1. Iz Instituta za parazitologiju SAN, upravnik prof. dr. Ged.P.  
Simic. Primaljeno na I skupu Odeljenja med. nauk 15 I 1953 god.  
(PARASITIS DISEASES

intestinal, epidemiol. in Yugosl. in School child.)

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VUKASOVIC, P., GLADILIN, N.

The study of various types of *Anopheles maculipennis* Meig at  
Pec. Prizren and surroundings. Glas.hig.inst., Beogr. 4 no.1-2:  
41-50 Jan-June '55.

(MOSQUITOES,

*Anopheles maculipennis*, study of various types, in  
Serbia, Yugosl.(Ser))

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GIA-RDP86-00513R0005

Dephlegmator. N. I. GALAULIN. Russ. 23,318, Oct. 31, 1911. A dephlegmator consists of 2 concentric vessels. The outer vessel is provided with a heating coil to preheat the distg. liquid, while the inner vessel is equipped with vertical tubes for cooling the liquid.

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cc  
Bubble tower. N. I. Gulyayev and G. P. Stryukov. Russ. 27,263, Jan. 6, 1951.  
Addn. to Russ. 23,818 (C.P.A. No. 1470). The detail of the upper distributing system is  
altered by replacing it with an open cylinder.

ALFA-SEA METALLURGICAL LITERATURE CLASSIFICATION

CLASS	SUB-CLASS	TOPIC						

CLASSIFICATION  
TOPIC

62

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111 AND 112 MARCH 1951  
PROCESSES AND PROPERTIES 1001

CA

Distillation of fermented liquids. N. L. Gladlin. U.S.  
S.R. 65,086, Aug. 31, 1945. The vapors in the upper  
part of the column are passed through a dephlegmator,  
where the alc. condenses. The uncondensed vapors in-  
cluding CO<sub>2</sub> and some air, pass to a condenser, where the  
rest of the alc. condenses, and the CO<sub>2</sub> and uncondensed  
gas are discharged into the atm. M. Husek

76

ASA-SEA METALLURGICAL LITERATURE CLASSIFICATION

SEARCHED	SERIALIZED	FILED	REF ID	EXTRACTED		SEARCHED	SERIALIZED	FILED	REF ID																																																																																														
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SEARCHED	SERIALIZED	FILED	REF ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

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GLADILIN, N.I.

Gladilin, N. I.: Rukovodstvo po rektifikatsii spirta / (1 Handbook on Distillation of Alcohol). 2nd ed. Moscow: - Pishchepromizdat. 1953. 419 pp.

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GLADILIN, N.I.

Alcohol and beer rectification apparatus. Spirit. prom. 23 no.2:41  
'57.  
(Distillation apparatus) (MLRA 10:4)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002 CIA-RDP86-00513R000  
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EPSHTEYN, L.V.; GLADILIN, P.M.

Placing asphalt concrete on a stabilized ground base. Stroi.  
dor. 10 no. 7:13-14 J1-Ag '47. (MLRA 6:12)  
(Road construction)

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GLADILINA, T. S.

"Investigation of Methods for Controlling the Accuracy of Centering of holes  
in the Parts of Small Watch Mechanisms." Cand Tech Sci, Moscow Order of Labor Red  
Banner Higher Technical School imeni Bauman, Min Higher Education SSSR, Moscow, 1955.  
(KL, No 15, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended  
at USSR Higher Educational Institutions (16).

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GLADILINA, T.S.

New techniques used in coordinate measurements. Izm. tekhn.  
no. 3:4-7 Mr '61. (MIRA 14:2)  
(Measuring instruments)

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LADILINA, T.S., kand.tekhn.nauk

Methods and means for checking the distances between axes and  
the nonaxiality of holes in units in connection with the  
measurement of parts before assembling. Vnaim.i tekhn. izm.v  
mekhinostr.; meshvus.sbor. no.3:173-196 '61. (MIRA 14:8)  
(Measuring instruments)  
(Clockmaking and watchmaking)

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~~CIA-RDP86-00513R0005~~

GLADILINA, T.S., kand.tekhn.nauk

Instrument with a variable measuring force for measuring small  
parts. Priborostroenie no.6:24-25 Je '61. (MIRA 14:6)  
(Testing machines)

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CIA-RDP86-00513R0005

GLADILINA, T.S.

Precision of machining holes with a diameter less than 1 mm.  
Priborostroenie no.2:9-12 F '64. (MIRA 17:3)

I. 09049-67

ACC NR: AP6032509 (N) SOURCE CODE: UR/0413/06/000/017/0078/0078

INVENTOR: Zacheck, S. I.; Gladilina, T. Yu.

2 3

ORG: none

TITLE: Condensing hygrometer. Class 42, No. 185517

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 17, 1966,  
78

TOPIC TAGS: temperature regulator, electric power source, hygrometer,  
photosensor, light guide, condensation

ABSTRACT: The proposed condensing hygrometer (see Fig. 1) contains an optical head with a photosensor, a cooler with a temperature regulator, and amplifier, and a source of reverse electric power. In order to eliminate the influence of photosensor time and temperature variations on the stability of hygrometer operation, the optical head is equipped with a system of mirrors which is fitted with an adjustable diaphragm and a modulator. The diaphragm forms a compensating light flux directed through a light guide on the photosensor. The modulator is fitted with a screen which overlaps both light fluxes in turn at a given frequency.

Card 1/2

UDC: 621.317.39:533.275

L 09049-67

ACC NR: AP6032509

Orig. art. has: 1 figure. [Translation]

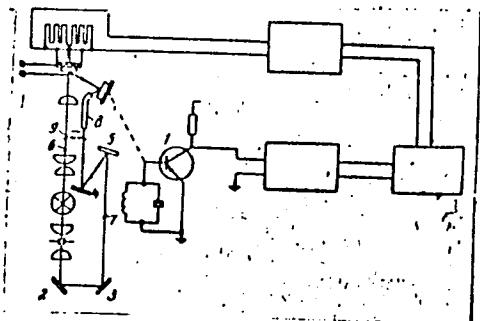


Fig. 1. Condensing hygrometer  
1—Photosensor; 2-5—mirror system; 6—measuring light flux; 7—compensating light flux; 8—light guide; 9—modulator with screen

SUB CODE: 04/ SUBM DATE: 20Nov64/

Card 2/2 nat

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CIA-RDP86-00513R0005

NAZAROV, Nikolay Aleksandrovich; GLADILINA, Ye. F., prepodavatel',  
retsenzent; SHARUPICH, S.G., dots., spets. red.; KAREYSHO,  
Ye.G., red.; SOKOLOVA, N.N., tekhn. red.

[Surveying]. Geodeziia. 4. izd. perer. i dop. Moskva, Sel'-  
khozisdat, 1962. 422 p. (MIRA 16:5)

1. Brasovskiy sel'skokhozyaystvennyy tekhnikum (for Gladilina).  
(Surveying)

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GIAROLINI, P.M.; GOTTSCHE, K.B.; HALL, M.M.; HANSON, J.W.;  
JAHNKE, R.L.; LINDNER, J.S.

MI-45 lacquer on a base of the styrene-ethylene fraction of a  
pyrolyzate of chamber natural gasoline. Army Unit no. 13:  
31-37 161. (MIA 1E:2)

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CIA-RDP86-00513R0005

GLADILOV, G.V., inzh.; SHCHEGLOV, Ya.M., inzh.

Economic efficiency of the performance of diesel locomotive  
engines. Trudy KHIIT no.50:23-35 '61. (MIRA 15:12)  
(Diesel engines--Testing)

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CIA-RDP86-00513R0005

GLADILOV, G.V., inzh.

Automation of the control of the diesel generator unit  
of the TE3 diesel locomotive. Sbor. nauch. st. KHNIT no.63:  
59-65 '62.  
(MIRA 16:11)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002 CIA-RDP86-00513R000  
APPROVED FOR RELEASE: Tuesday, September 17, 2002 CIA-RDP86-00513R0005

ACC NR: A16026344

SOURCE CODE: UR/3144/66/003/007/0763/0766

AUTHOR: Bamdas, A. M. (Doctor of Technical Sciences; Professor; Head); Shapiro, S. V. (Candidate of Technical Sciences; Docent); Gladilov, V. A. (Aspirant)

ORG: Electrical Machinery and Apparatus Department, Gor'kiy Polytechnic Institute (Vnafedra elektricheskikh mashin i apparatov Gor'kovskogo politekhnicheskogo instituta)

TITLE: Ferroresonant controlled voltage and current regulators

SOURCE: IVUZ. Elektromekhanika, no. 7, 1966, 763-766

TOPIC TAGS: voltage regulator, ferromagnetic resonance, control circuit, nonlinear control system, volt ampere characteristic, excitation spectrum

ABSTRACT: The volt-ampere characteristic of the choke used in the ferroresonant controlled voltage regulator is analyzed to explain the operating principle of such regulator because that characteristic of the nonlinear element can be changed by direct current excitation. The fundamental relationships required for designing ferroresonant controlled voltage and current regulators (FNUSN and FKUST) are discussed and calculated, and it is concluded that when the magnitudes of the foregoing are known the production model choke can be calculated or selected and the types of condensers and tubes can also be selected. Orig. art. has: 5 formulas and 3 figures.

SUB CODE: 09/SUBM DATE: 24Sep65/ORIG REF: 003

Card 1/1

UDC: 621.316.726+62-501

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GLADILOV, V.N., inzh. [deceased]; BUTTS, A.A., inzh.; NOVOPOL'SKIY, N.N.,  
inzh.; SMOLKIN, M.N., inzh.

Light characteristics of some incandescent lamps operating as "A"-  
type sources. Svetotekhnika 7 no.9:23 S '61. (MIRA 14:9)

1. Gosudarstvennyy opticheskiy institut.  
(Electric lamps, Incandescent)

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GLADILOV, V.G., sostavitel'

[Suburban timetables: Moscow - Dmitrov - Dubna, Savelov Line of the  
Moscow Railroad; summer 1961] Raspisanie dvizheniiia prigorodnykh  
poezdov: Moskva - Dmitrov - Dubna, Savelovskaiia liniia Moskovskoi  
zh.d.; leto 1961 g. Moskva, Transzheldorizdat, 1961, 44 p.

(MIRA 14:6)

(Moscow—Railroads—Timetables)



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CIA-RDPAC-98E13R0005

CA

15

The influence of cultivation on the process of podzolization. B. R. Gladilovich and A. F. Lebedeva. *Pedology* (U. S. S. R.) 31, 819-830 (1936).—Cultivation of podzols in the Leningrad region brings about a no. of changes in the profile when compared with virgin soils. The  $\text{P}_\text{H}$  of the A<sub>1</sub> profile increases, the satn. of the exchange complex with bases increases, the content of org. matter decreases and the quantity of available N and P slightly increases.

ASM-31A METALLURGICAL LITERATURE CLASSIFICATION

A 10x10 grid of circular holes on a card. The top row contains the following labels: '10 QUADRATI' (repeated twice), 'SALVATORE' (with a small 'M' below it), and 'SALVATORE' (with a small 'M' below it). The bottom row contains the following labels: 'SALVATORE' (with a small 'M' below it), and 'SALVATORE' (with a small 'M' below it).

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C4

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Effect of different methods of cultivation on dynamic processes of an untilled podzol soil. B. R. Gladilovich  
*Pedology (U. S. S. R.)* 1938, No. 10, 1293-1297; Cl. 7, A  
32, 281. Comparing different methods of cultivation, it was found that deep ploughing and inverting the podzol horizon produced higher yields of spring wheat than did shallow ploughing. Deep ploughing and the use of dung and N-P-K fertilizers increased available nutrients and base saturation and decreased the acidity and available Fe content as compared with the untilled soil. Shallow ploughing or inverting the podzol horizon while using fertilizers had a neg. effect on the physicochemical, biol. and dynamic processes of the soil.  
B. C. P. A.

AMERICAN METACOMMERCIAL INFORMATION CLASSIFICATION

CONFIDENTIAL

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12174\* Experimental Application of the Bacterial Fertilizer "AMB" to Certain Soils of the Sod-Podzol Zone. (In Russian.) B. P. Gladkovich and V. A. Tarisova. Sovetskaya Agronomiya (Soviet Agronomy), v. 8, Feb. 1951, p. 64-70. Influence of above fertilizer (named for the general group of active micro-organisms entering into its composition) on raising yield and quality of various crops: oats, barley, potatoes, turnips, etc., was confirmed experimentally. Such fertilizers are especially applicable, combined with liming, in peat bogs, and for worn-out sandy loam soil with swampy areas. Results of the investigation are tabulated.

ASH-SEA RETALLOPHAL LITERATURE CLASSIFICATION

12174\* Experimental Application of the Bacterial Fertilizer "AMB" to Certain Soils of the Sod-Podzol Zone. (In Russian.) B. P. Gladkovich and V. A. Tarisova. Sovetskaya Agronomiya (Soviet Agronomy), v. 8, Feb. 1951, p. 64-70. Influence of above fertilizer (named for the general group of active micro-organisms entering into its composition) on raising yield and quality of various crops: oats, barley, potatoes, turnips, etc., was confirmed experimentally. Such fertilizers are especially applicable, combined with liming, in peat bogs, and for worn-out sandy loam soil with swampy areas. Results of the investigation are tabulated.

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11235\* **Bacterial Fertilizer AMH.** - Rasson & B. B. Gladfelter, *Sud i Oxford*, Feb. 1932, p. 75-77.  
Field tests of the bacterial fertilizer alone and with other fertilizers show a marked increase in yield of potatoes. Data are tabulated.

USSR/Soil Science - Organic Fertilizers.

J

Abs Jour : Ref Zhur Biol., No 19, 1958, 36828

Author : Gladilovich, B.R.

Inst : Leningrad Agriculture Institute

Title : AMB Bacterial Fertilizer as an Element in the Fertilizer System of Fodder Crop Rotations.

Orig Pub : Zap. Leningradsk. s.-kh. in-ta, 1956, vyp. 11, 300-305

Abstract : No abstract.

#1471

END

Card 1/1

USSR/Soil Science - Organic Fertilizers.

J

Abs Jour : Ref Zhur Biol., No 19, 1958, 86827

Author : Gladilovich, B.R.

Inst : -

Title : AMB Bacterial Fertilizer

Orig Pub : Vestn. s.-kh. nauki, 1957, No 9, 64-69

Abstract : Experiments made with AMB bacterial fertilizer in Leningradskaya Oblast showed the expediency of using it in turf-pedzolic and bog soils. The application of AMB gave a significant gain in the crop yield of grain (to 6.9 centners/hectare), potatoes (to 35 centners/hectare), vegetable and fodder crops, and also grass. In a number of crops the greatest gain from AMB was secured when it was placed together with organic and mineral fertilizers. Moreover, AMB increased the effectiveness of liming acid soils, increased 1½ to 2 times the soil content of free K and P and increased the content of P, K, Ca, Mg in the plants ash. -- O.P.

Mel'chedek

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GLADILOVICH, B. R.

Doc Agr Sci - (diss) "Bacterial fertilizer AMB/autochthonous  
microflora B.<sup>7</sup> and conditions of its most effective application."  
Voronezh, 1961. 37 pp; (Ministry of Agriculture RSFSR, Voronezh  
Agricultural Inst); 150 copies; price not given; list of author's  
works on p 37 (12 entries); (KL, 6-61 sup, 229)

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KUL'MAN, Avgust Gustavovich; REBINDER, P.A., akademik, retsenzent;  
GLADILOVICH, B.R., dots., retsenzent; TRAVITSKAYA, E.O.,  
dots., retsenzent; OZEROV, V.N., red.; CHELYSHKIN, Yu.I.,  
red.; DEYEVA, V.M., tekhn. red.; BALLOD, A.I., tekhn. red.  
[General chemistry] Obshchaya khimiia. Moskva, Izd-vo sel'khoz.  
lit-ry, zhurnalov i plakatov, 1961. 566 p. (MIRA 14:12)  
(Chemistry)

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GLADIE VICK, APPROVED FOR RELEASE: Tuesday, September 17, 2002

[Course of lectures in literature, English, French, German, Spanish, Italian, Portuguese, etc., given by Prof. Dr. G. K. V. Rao, Dept. of English, University of Mysore, Mysore, India.]

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GLADIL'SHCHIKOV, Yevgeniy Ivanovich; GOLUBEVA, K.A., inzh., retsenzent;  
MASLIY, K.Ya., zuberez, retsenzent; SHIROKOV, N.P., red. vypuska;  
BELYAKOV, M.N., red.; GERKEN, I.V., doteent, red.; ZHUKOV, P.A.,  
kand. ekon. nauk, red.; ROZENBERG, I.A., kand. ekon. nauk, red.;  
SMIRNITSKIY, Ye.K., kand. ekon. nauk, red.; SUSTAVOV, M.I., inzh.,  
red.; DUGINA, P.A., tekhn. red.

[Let's economize on electric power] Berech' elektrcenergiu. Mo-  
skva, Mashgiz, 1960. 43 p. (Biblioteka rabochego mashinostroitelia:  
Seriia "Osnovy konkretnoi ekonomiki," no.10) (MIRA 14:9)  
(Electric power)

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GLADIN, A.P.

Organization of dispensary service for mental patients in an  
industrial city and some problems of the hospitalization of  
schizophrenia patients. Vop.klin., patog. i lech. shiz. no.]:  
23-25 '64. (MIRA 18:5)

1. Organizational-methodical department (head - prof. F.B.  
Posvyanskiy) Elektrostal'skiy geroedskoy psikhoneurologicheskiy  
dispenser (chief physician - A.P.Gladin).

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GLADIN, B.

Mechanizing the lubrication of running parts with niger oil.  
Avt. transp. 37 no.8:59 Ag '59. (MIRA 12:12)

1.Glavnyy inzhener Tallinskogo avtobusnogo parka.  
(Automobiles--Lubrication)

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BERG, S.L., polkovnik; VOROB'YEV, V.I., kapitan pervogo ranga; GIL'BO,  
G.M., kapitan pervogo ranga; AL'ANOVENKO, A.A.; BALAKSHINA, Y.K.;  
BANNIKOV, B.S., kapitan vtorogo ranga; BAKHTINA, G.F.; BERGENTHAM,  
N.V.; BUTYRINA, N.Ya.; VOROB'YEV, V.I., kapitan pervogo ranga;  
GAES, I.P.; GINBYSH, N.S.; GLADIN, D.F., polkovnik; GOLOVANOVA, L.G.,  
kand. ist. nauk; GOLULEVA, Z.D., kand. filol. nauk; GONCHAROVA, A.I.;  
ZANADVOKOVA, R.N.; IVANOVA, N.G.; KARANZIN, G.B.; KOVAL'CHUK, A.S.;  
KRONIDOVA, V.A.; LITOVA, Ye.I.; MOLCHANOVA, T.I.; OKUN', L.S.;  
POCHEBUT, A.M.; RAYTSES, V.I.; SAVINOVA, G.N.; SENICHKINA, T.I.;  
SKRYIMNIKOV, R.G., kand. ist. nauk; FURAEVA, I.I.; CHIZHOVA, N.N.;  
YASINSKAYA, L.F.; GLADIN, D.F., polkovnik; LAZETSKIY, Ye.F., pod-  
polkovnik; LESEDEV, S.M., kapitan pervogo ranga; OHDYNSKIY, N.I.,  
kapitan pervogo ranga; NADVODSKIY, V.Ye., podpolkovnik; DEMIN, L.A.,  
inzh.-kontr-admiral, glav. red.; FRUNKIN, N.S., polkovnik, zar. otv.  
red.; LEVCHENKO, G.I., admiral, red.; BAKHTINA, G.F., tekhn. red.

[Naval atlas] Morskoi atlas. n.p. Izd. Glavnogo Shtaba Voenno-Morskogo Flota. Vol.3. [Naval history] Voeno-istoricheskii. Pt.1. [Text for the maps] Opisaniiia k kartam. 1959. xxii, 1942 p. (MIRA 15:5)

1. Kursia (1923- U.S.S.R.) Ministerstvo oborony.  
(Naval history)

3/13/62/ccc/008/034/065  
A006/A1C1

AUTHORS: Cherkashin, B. E., Gladishevskiy, E. I., Kripyakevich, P. I., Teslyuk, M. Yu.

TITLE: The physico-chemical investigation of the Ce-Cu-Al and the Ce-Mn-Al systems

PERIODICAL: Referativnyy zhurnal, Metalurgiya, no. 8, 1962, 24 - 25, abstract 81160 ("Dopovidni ta povidomli. L'viv's'k un-t", 1961, no. 9, part 2, 58 - 59; Ukrainian)

TEXT: X-ray and microscopic analyses were used to study the Ce-Cu-Al and Ce-Mn-Al systems at a content of 50 - 100 at. % Al. In the Ce-Cu-Al system 4.3% (1.87 at. %) and 1.5% (0.64 at. %) Cu respectively are dissolved in Al at 500 and 400°C. Ce solubility in a solid solution Al (Cu) is insignificant (~ 0.1%). At 400°C the Al-base solid solution ( $\omega$ -phase) is in equilibrium with binary ( $\text{CuAl}_2$  and  $\text{CeAl}_4$ ) and ternary ( $T_1$  and  $T_2$ ) compounds. Compound  $T_1$  has a homogeneous range, including compound  $\text{CeCu}_4\text{Al}_3$ , and a tetragonal lattice of the  $\text{ThMn}_{12}$  type with constant  $a = 8.85 \text{ kX}$ ,  $c = 5.19 \text{ kX}$ ;  $c/a = 0.586$ ; it is in

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The physico-chemical investigation of...

S/137/62/000/008/034/065  
A006/A101

equilibrium with  $\text{CuAl}_2$ ,  $\omega$  and  $T_2$ . Compound  $T_2$  has a homogeneous range, including  $\text{CeCuAl}_3$ , and is in equilibrium with  $\text{CeAl}_4$ ,  $\text{CeAl}_2$ ,  $\omega$  and  $T_1$ . In the Ce-Mn-Al system Ce is not dissolved or only very slightly dissolved in Al (Mn) solid solution. At 600 and 500°C, 1.2% (0.59 at. %) and 0.5% (0.25 at. %) Mn respectively are dissolved in Al. At 500°C, the Al base solid solution ( $\alpha$ -phase) is in equilibrium with  $\text{MnAl}_6$ ,  $\text{CeAl}_4$  and  $T_1$ . Compound  $T_1$  has a homogeneous range including compound  $\text{CeMn}_4\text{Al}_8$  and is in equilibrium with  $\omega$ ,  $\text{CeAl}_2$ ,  $\text{CeAl}_4$ , and compounds of Mn with Al and  $T_2$ . The structure of compound  $T_1$  is tetragonal of the  $\text{ThMn}_{12}$  type with constant  $a = 9.01 \text{ kX}$ ,  $c = 5.15 \text{ kX}$ ;  $c/a = 0.573$ . The homogeneous range of the  $T_2$  compound includes compound  $\text{Ce}_5\text{MnAl}_{14}$ . Compound  $T_2$  is in equilibrium with  $T_1$ ,  $\text{CeAl}_2$  and  $\text{CeAl}_4$ .

Z. Rogachevskaya

[Abstracter's note: Complete translation]

Card 2/2

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R0005

S/0191/64-000/008/0011/0012

ACCESSION NR: AP4043318

AUTHOR: Al'shits, I. M.; Gladkaya, L. A.; Grad, N. N.; Mudrov, O. A.

TITLE: Study of self-extinguishing polyester resins

SOURCE: Plasticheskiye massy\*, no. 8, 1964, 11-12

TOPIC TAGS: resin, polyester resin, self extinguishing polyester resin, modified resin, glass reinforced plastic, self extinguishing reinforced plastic

ABSTRACT: Self-extinguishing polyester resins for heat-resistant glass-reinforced plastics have been developed by the modification of combustible polyester resins. Self-extinguishing resins were prepared from PN-1, PN-3, MA-3, and NPS-609-21 Soviet Industrial polyester resins by the addition of chlorine-containing compounds and antimony trioxide. The settling of these additives was prevented by the incorporation into the resin of the U-333 light-colored filler. The properties of the uncured and cured self-extinguishing polyester resins PN-1S, PN-3S, MA-3S, and NPS-609-22, thus prepared, are described. Specimens of glass-reinforced plastic were prepared

Card 1/2

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

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CIA-RDP86-00513R0005

FLIS, I.Ye. [deceased]; TEPANINA, V.V.; GRAD, N.N.; MUSHTIK, I.M.;  
DIMITRIYINA, A.Y., Prisimel' uchastiye: YAKOVAYA, L.A.; KUDRYV,  
G.A.; ZUBOVVA, G.I.

Effect of water on properties of the soil and plant life based on  
name. First water, p. 173-80. (KIRA 17:10)

AUTHOR: Al'shits, I. M.; Gladkaya, L. A.; Grad, N. N.; Meshcheryakov,  
V. V.; Tsubina, Kh. V.

ORG: none

TITLE: Reducing the flammability of polyester glass-reinforced  
plastics by addition of fluorine-containing compound to the binder

SOURCE: Plasticheskiye massy, no. 2, 1966, 68-69

TOPIC TAGS: polyester resin, self extinguishing resin, polychloro-  
trifluoroethylene, glass reinforced plastic

ABSTRACT: A study has been made of the effect of the addition of non-  
burning fluorine-containing polymers to polyester resins on the  
flammability of the resins. The experiments were conducted with the  
PN-3<sup>5</sup> unsaturated polyester resin and Fluoroplast-3<sup>15</sup> (polychlorotrifluoro-  
ethylene). A self-extinguishing resin (PN-3F) was prepared by the  
addition to PN-3 resin of 3.6% Fluoroplast, 5% antimony trioxide, and  
5% Aerosil. The resin was cured with 3% cumene hydroperoxide in the  
presence of cobalt naphthenate as an 8 to 10% styrene solution. The  
properties of cast PN-3F resin were compared with those of cast PN-3S  
resin, prepared by the addition to PN-3 resin of 12% poly(vinyl chloride).

UDC: 678.674.06:677.521.01:536.468

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L 14515-66

ACC NR: AP6005956

and 5% antimony trioxide. The resins exhibited similar mechanical properties. The Vicat softening point of PN-3F was about 40C higher than that of PN-3S. PN-3F was less flammable and more self-extinguishing than PN-3S. Glass-reinforced plastics based on PN-3F resin and ASTM(b)-S<sub>2</sub>-0 glass fabric exhibited at 20 and 60C considerably better mechanical properties than such plastics based on PN-3S resin. Further studies on the preparation of self-extinguishing binders based on Fluoroplast-3-polyester resin copolymers are recommended.

Orig. art. has: 2 tables.

[80]

07/

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 013/ OTH REF: 003

ATD PRESS: 4/99

XS  
Card 2/2

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R0005

AL'SHTS, I.M.; GLADKOV, L.A.; GRAB, N.V.; MUSATOV, V.I.;  
TSURIKOV, Yu.V.

Reducing the combustibility of polyester-based plastics by  
the addition of fluorine-containing compounds to the binder.  
Plast. massy no. 7:68-69, 1982.

-L4U/RH/P4, T-1.

C.A. V-48  
Jan 10, 1954

Fats, fatty oils  
Waxes + Detergents

Experiment on refining and hydrogenation of rape oil by  
Kharkov Fat Combine. A. M. Zhuravlik, T. M. Novikova,  
T. E. Romashova, S. D. Kopchenko, P. I. Karimkina,  
A. Ya. Zakk and T. I. Gribkova. *Mashinostroyeniye*,  
*Prom.* 18, No. 7, 1953. The oil was washed with  
H<sub>2</sub>SO<sub>4</sub> (1:1.82) during 16 hours. It was then neutralized with  
1:1.05% NaOH and dried over calcium oxide. The fat was  
hydrogenated at 170°C with catalyst "Katalit-1" (catalyst 1%  
nickel, 3.4 kg per ton) for 16 hours. The yield of hydrogena-  
tion is with Na formate catalyst 1:1 (21.6 g/m<sup>3</sup>) to 32.6% (1.6 hr.).

Aleksandr N. Krutkovsky

(7)

ACC NR: AP7000261 SOURCE CODE: UR/0073/66/032/011/1200/1205

AUTHOR: Rozum, Yu. S.; Gladkaya, V. A.

ORG: Institute of Organic Chemistry, AN UkrSSR (Institut organicheskoy khimii AN UkrSSR)

TITLE: Cyanine dyes, derivatives of imidazophenazines and their absorption spectra

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 32, no. 11, 1966,  
1200-1205

TOPIC TAGS: condensation reaction, heterocyclic base compound, cyanine dye, polymethine dye, absorption spectrum ~~STRUCTURE~~, photosensitivity, DYE CHEMICAL, ORGANIC SALTS

ABSTRACT: Nine cyanine and carbocyanine (polymethine) dyes, symmetric and unsymmetric, have been synthesized by condensing quarternary salts of 1,2-dimethylimidazo (4,5-b)phenazine with an orthoformic ester or derivatives of quinaldine, benzothiazole, benzoxazole, or rhodanine. The maximum absorption peaks of the synthesized dyes were determined in alcoholic and acidified alcoholic solutions to explore the effect of the phenazine ring substituent in imidazole on the sensitizing property of the dyes. A strong bathochromic shift was observed with all nine dyes in the acidified solution as compared to the neutral solution.

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UDC: 547.866

ACC NR: AP7000261

This shift resulted from protonization of one N atom, probably in the 5 position of the phenazine nucleus, which promoted simultaneous formation of a new, long chromophore chain. The highest absorption peak — 698 m $\mu$  — was found in a neutral solution of a thiadicarbocyanine, a derivative of 2-methylbenzothiazole. Orig. art. has: 1 table and 6 formulas.

[W. A. A-67-3]  
[JK]

SUB CODE: 07/ SUBM DATE: 04Mar65/ ORIG REF: 007/ OTH REF: 002

Card 2/2

GLADKAYA, V.F., inzh.; KOZHEVNIKOVA, I.M., inzh.; LOZHESHNIK, V.K., inzh.;  
KAPLUNOV, S.Z., inzh.

Processing of whale oil. Masl.-zhir.prom. 29 no.11:43-46 N '63.  
(MIRA 16:12)

1. Ukrainskiy nauchno-issledovatel'skiy institut maslozhirovoy  
promyshlennosti (for Gladkaya, Kozhevnikova). 2. Kuybyshevskiy  
zhirovoy kombinat (for Lozheshnik). 3. Kitoboynaya flotiliya  
"Slava" (for Kaplunov).

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R0005

GLADKAYA, V. I.

Nucleotide composition of DNA in various strains of *Escherichia coli*. Znach. mikrobiol., 1965, 42 no. 2:3-8 F '65. (MIRA 18:6)

I. Moskovskiy institut vektsin i sывороток imeni Mechnikova.

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R0005

GLADKIJ, I., MUDr.

Evaluation of opinions concerning the education and postgraduate education of the district health physician. (enk. zdrav. 13 no. 1) 431-438 S '65.

1. Ustav primovetnictvi lekarske fakulty Jihlavske Univerzity v Olomouci.

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

~~APPROVED FOR RELEASE: Tuesday, September 17, 2002~~

~~CIA-RDP86-00513R0005~~

Glavnoye upravleniye.

Potentials for further improvement in the utilization of the  
paramilitary fleet. (ed. corr. trans.; 16 m.10;8-13 - 9 '62)

(MIRA 17:11)

1. Parastaticheskoye Glavnogo upravleniya diviziya Minister-  
stva vnutrennykh chisl.

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

~~APPROVED FOR RELEASE: Tuesday, September 17, 2002~~

~~CIA-RDP86-00513R0005~~

GLADKIKH, A.F.

Potentials for the further improvement of freight car utilization. Zhel. dor. transp. 47 no.5:13-18 My '65.  
(MIRA 18:6)  
1. Zamestitel' nachal'nika Glavnogo upravleniya dvizheniya  
Ministerstva putey soobshcheniya.

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R0005

ACC NR: AP6021450

(A)

SOURCE CODE: UR/0413/66/000/011/0073/0073

INVENTORS: Gladkikh, A. F.; Ivanov, N. N.; Shtraykhman, G. A.

ORG: none

TITLE: A method for obtaining reactive copolymers. Class 39, No. 182331 [announced by Institute of Highmolecular Compounds, Academy of Sciences SSSR (Institut vysokomolekulyarnykh soyedineniy Akademii nauk SSSR)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 11, 1966, 73

TOPIC TAGS: polymer, copolymer, copolymerization, vinyl, ester

ABSTRACT: This Author Certificate presents a method for obtaining reactive copolymers by radical copolymerization of vinyl compounds and glycidil esters of unsaturated acids. To increase the assortment of reactive polymer materials, glycidil esters of unsaturated aromatic acids are taken as glycidil esters.

SUB CODE: 11/ SUBM DATE: 15Feb65

07/

Card 1/1

UDC: 678.766.44-134

GLADKIKH, A. I.

25(2) PHASE I BOOK EXPLOITATION

SOV/1636

БІЛГИВАЛЬНАЯ СБОРНИКА СТАТЬЮ О НОВИХ МАШИНАХ, МОТОРІХ,  
СПЕЦІАТИХ СОДАЧУЩИХ НА ХАР'КОВСКІХ ПРЕДПРИЯТІЯХ ПЕРІОД  
1956-1958 рр. (Нові машини та пристрії вироблені на  
Машині, Моторах, і Апаратура вироблені на Хар'кові Плантах  
1956 до 1958) /Хар'ков/ Хар'ковської обласної індустрії, 1958.  
226 р. 4,000 копійок.

Компілятор: П.І. Замєтка: Науковий Редактор: В.А. Балдашов (Член Кандидат  
Хар'ков Електромеханічного Планта), С.А. Вороб'єв (Кандидат  
Технічних Наук), Д.С. ШубенкоДубін (Член Науковий  
Дизайнер, Хар'ков Турбін Планта), і Кореспондент: Михаїл  
Михайлів, СРСР Академія Наук, Науковий Секретар  
Ed.: П.І. Тарасенко. Ред.: Ф.М. Донакофф, Tech.

ПОРОЗУ: This collection of articles is to acquaint the reader with  
the latest developments and attainments of the Kharkov machinery  
manufacturing industry during the 1956-58 period.

CONTENTS:

Presented in the book, prepared in the form of a descriptive catalog,  
manufactured by Kharkov Plants from 1956-58. A detailed description  
is given of the following machines and equipment: agricultural  
turbines, tractors, self-propelled chassis, diesel engines, aircraft  
propellers, machine tools including unit metal-cutting machines,  
tools, conveyors, road building machinery, electric power generation  
and electrical and electronic instruments. Numerous plant enterprises  
participated in the above-listed machinery and equipment are included in the  
book. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

Zamjetka, P.I., Director of the Machinery Manufacturing Division of  
the Kharkov oblast's Committee of the Ukrainian Communist  
Party. On the Path to Further Technological Progress  
Yakunin, A.I., Vice Chairman of the Sovnarkom of the  
Economic Administrative Region. New Technology as a  
Lever for the Growth of Labor Productivity  
Card 2/6

New Machines: Collection of Articles (Cont.)

SOV/1636

Zavoryntsi, I.P., Chief Designer of the Kharkov Plant for  
Relating and Transport Equipment Diesel Locomotive  
Equipment for the Mechanization of Navy and Labor-consuming Jobs  
Card 2/6

ELECTRICAL MACHINES AND APPARATUS

Borushko, V.S., Chief Engineer of the Kharkov Plant for  
Diesel Locomotive Electrical Equipment. For a New  
Technology!

Pesotski, J.A., Director of the Kharkov Electrical Engineering  
Plant. Basic Profile in Development of Electrical Machinery  
and Instrument Manufacture at the Kharkov Electrical  
Mechanics Institute named -- Kharkov Electromechanical Plant

Gladkikh, A.I., Director of the Kharkov Electrical Engineering  
Plant. Let Us Increase the Output of Electric Motors and  
Electrical Instruments

161  
175  
187

E-

SOV/110-59-3-7/24.

AUTHOR: Gladkikh, A.I., Engineer.

TITLE: The Kharkov Electrotechnical Works and its Tasks for 1959-65.

PERIODICAL: Vestnik elektropromyshlennosti 1959, Nr 8, pp 26-32 (USSR)

ABSTRACT: The Kharkov Electrotechnical Works (KhELZ) was started in 1937 and before the war it mainly made small motors, switches and plugs and sockets. The works is now one of the most important in the country, producing electric motors and starting equipment for outputs up to 5 kW. In 1958 it accounted for 22% of the Soviet output of electric motors up to 100 kW, and is overfilling its production plan. The works was the first in the country to develop regular manufacture of silent motors. The construction of these motors is briefly described with particular reference to the method of manufacture of the plain bearings illustrated in Fig.1 and to the lubrication arrangements. Technical data of these silent motors are given in Table 1. The works has developed a three-phase induction motor with built-in

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SCV/110-59-8-7/24

The Kharkov Electrotechnical Works and its Tasks for 1959-65.

electro-magnetic brake. The brake is applied automatically when the power supply is cut off. The construction is illustrated in Fig 2 and briefly described; technical characteristics are given in Table 2. Motors built as a unit with refrigerator compressors are being manufactured. In service, these motors are exposed to oil grade KhF-12 and to Freon-12; the main characteristics of the motors are given. The existing series of motors types A and A0 were introduced in 1948-50 and in certain respects do not correspond to present day requirements. In particular there are not enough different sizes of motor and they are heavier for their output than they should be. It has accordingly been decided to develop a new series of motors and the Scientific Research Institute of the Electrical Industry was instructed to prepare drawings for the new designs. In 1958 the works manufactured prototypes of the new series of motors, in frame sizes numbers 2 and 3. A number of other new types of motor are also being designed. The works has designed a motor built as a unit with a

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SOV/110-59-8-7/24.

The Kharkov Electrotechnical Works and its Tasks for 1959-65.

centrifugal pump and this is briefly described. There is a short account of various types of motor-starting equipment made at the factory. The new push-button starters type PNV are particularly reliable and can operate five million times with a motor of up to 4.5 kW. Brief constructional details of these starters are given. A new range of starters type P6 intended for starting and stopping three-phase squirrel cage induction motors of output up to 2.8 kW at 380 V has been developed. The dimensions and main characteristics of the old starters and the new series P6 are compared in Table 3. Ways in which the productivity of the labour have been increased are described. Particular mention is made of electrostatic paint spraying and of certain difficulties associated with it. The use of this method of painting gives good results whilst economising paint and labour. New types of press tools for stamping sheet steel are briefly described. A number of special-purpose machine tools developed for motor manufacture are noted. A motor-driven machine for cutting wires and cleaning insulation from the ends is mentioned

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The Kharkov Electrotechnical Works and its Tasks for 1959-65. SOV/110-59-6-7/24

and illustrated in Fig 4. A special high-output die-casting tool is briefly referred to and illustrated in Fig 5. Plans provide for increasing the output of motors by 70%, and the output of starters will be increased two or three-fold during the Seven Year Plan. Concurrently all the existing products will be modernised and improved, and new types will be introduced. Some of the latter are briefly listed. All the shops in the works are to be reconstructed and a central compressor station will be installed to facilitate the use of high-speed pneumatic jigs and tools. Special attention will be paid to the automation of production processes, and all assembly work will be done on conveyors. Transport within the works will be mechanised, making extensive use of conveyors. There are 5 figures and 3 tables.

PRESENTED: February 6, 1959.  
Card 4/4

POPOV, V. A., kandidat tekhnicheskikh nauk; GLADKIKH, A. N., kandidat tekhnicheskikh nauk, retsesent; TOMLENOV, A. D., dokter tekhnicheskikh nauk, redaktor; UVAROVA, A. F., tekhnicheskiy redaktor.

[Cold upsetting of metals; experience of factories and the Organisation for the Automobile Industry] Khelednaya vysadka metallev; epyt zaveden i Orgavtoprema. Moskva, Gos. nauchno-tekhn. izd-vo mashinostreit. lit-ry, 1955. 95 p.

(MLRA 9:5)

(Sheet-metal work)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002 CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002 CIA-RDP86-00513R0005

GLADKIKH, A. N.

Subject : USSR/Medicine AID P - 2484

Card 1/1 Pub. 37 - 13/19

Authors : Sukhova, M. N., Pastukhov, Ya. F., Gladkikh, A. N.,  
Smetleva, A. G.

Title : Organization of outdoor cesspools to prevent the  
procreation of flies

Periodical : Gig. i san., 7, 48-50, J1 1955

Abstract : Discusses the efficient arrangement of cesspools in  
localities without sewage system and the preventive  
measures against blue flies (*Calliphora uralensis* Vill.)  
which develop in moderate climatic zones. Diagrs.,  
5 refs. (1937-1953)

Institution: Institute of General and Municipal Hygiene Acad. of Med.  
Sci., USSR; Medical and Epidemiological Station, Kalinin  
District, Moscow; 3rd Disinfection Division, Moscow City  
Disinfection Station; Central Control and Research  
Laboratory, Moscow City Disinfection Station.

Submitted : Aug. 3, 1954

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~~APPROVED FOR RELEASE: Tuesday, September 17, 2002~~

~~CIA-RDP86-00513R0005~~

GLADKIKH, A.N., kand.tekhn.nauk; MASLENNIKOV, N.I.

Automatic production lines for manufacturing fastening  
parts. Mashinostroitel' no.6:8-10 Je '60.  
(NIRA 13:8)

1. Glavnnyy inzhener zavoda "Krasnaya Etna" (for Maslennikov).  
(Machine-tool industry—Technological innovations)  
(Automation)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

~~APPROVED FOR RELEASE: Tuesday, September 17, 2002~~

~~CIA-RDP86-00513R0005~~

GLADKIKH, A.P. (Irkutsk)

Method of factoring numbers. Mat.v shkole no.3:54-55 My-Je '56.  
(MLRA 9:8)  
(Arithmetic)

S/182/60/000/010/011/015/xx  
A161/A030

AUTHORS: Gladkikh, A.N.; Maslennikov, N.I.

TITLE: Calculation of Passes and Tools for Production of Bolts in Automatic Machine Lines

PERIODICAL: Kuznechno-shtampovochnoye proizvodstvo, 1960, No. 10, pp. 21 - 24

TEXT: Automatic machine lines producing bolts with hexagonal heads are working at the plants "Rostsel'mash", imeni Oktyabr'skoy revolyutsii (imeni October Revolution) in Odessa, "Krasnaya zvezda" in Kirovograd; the Combine Plant imeni Stalin in Taganrog, the Zavod metalloizdely (Metal Products Plant) in Magnitogorsk. All these lines have one drawback in common - they include automatic machines trimming the bolt head faces, and about 8 - 10% of metal is wasted in cuttings. The plant "Krasnaya Etna" has nine such lines in which steel bolts with hexagon head are produced in closed dies without trimming. The line (Fig. 2) includes a two-stroke heading machine (I) for preliminary forming of heads, a single-stroke heading machine (II) for final head forming, and a thread-rolling machine (III). The transformations in the three machines are illustrated (Fig. 1). Inter-operation annealing is not obligatory for the "30" steel from which bolts are made,

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S/182/60/000/010/011/015/XX  
A161/A030

Calculation of Passes and Tools for Production of Bolts in Automatic Machine Lines

and it is not used since bolts never fail in use. The transporting mechanisms in the line consist of two vertical bucket elevators and four inclined chutes. Stopping of one or other machine for resetting does not stop the other for they work up bolts stored in their hoppers, or they work filling the hoppers. The "Krasnoye Sormovo" Plant produces three bolt sizes "M12", "M14", and "M16" using the same technology. The method results in a 20% cut of production costs compared with work on separate machines. Heading bed dies for the formation of final hexagonal head are made from 10A (U10A) steel for "M12" bolts and last for 30,000 pieces, and the punches for 26,000 pieces; dies with tungsten-cobalt cermet inserts used for "M10" and "M8" bolts last for 65,000 and 75,000 pieces. The information includes calculations of the blank diameter; of die dimensions and tolerance for the second pressing stage (Fig. 1, b); of the die impression dimensions for the last stage, i.e., formation of the hexagonal bolt head. Detailed drawings of bed dies and punches are included. There are 7 figures.

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"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

~~APPROVED FOR RELEASE: Tuesday, September 17, 2002~~

~~CIA-RDP86-00513R0005~~

GLADKIKH, A.N.; MASLENNIKOV, M.I.

Automatic line for manufacturing bolts without waste. Masinistroitel'  
no.11:2-5 N '60. (MIRA 13:10)  
(Machinery, Automatic)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

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~~CIA-RDP86-00513R0005~~

GLADKIKH, Aleksandr Nikitovich; kand. tekhn. nauk; MASLENNIKOV, Nikoley Iva-novich, inzh.; CHERNYAKOVA, I.Z., red.; SHILLING, V.A., red. izd-va; BELOGUROVA, I.A., tekhn. red.

[Automatic lines for cold upsetting] Avtomaticheskie linii kholodno-vysadochnogo proizvodstva; opyt gor'kovskogo zavoda "Krasnaia Etna." Leningrad, 1961. 16 p. (Leningradskii Dom nauchno-tehnicheskoi propagandy. Obmen peredovym opyтом. Seriya: Goriacheia i kholodnaia ob-rabotka metallov davleniem, no.4) (MIRA 14:10)  
(Gorkiy--Screws) (Gorkiy--Bolts and nuts) (Automation)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002 CIA-RDP86-00513R000  
APPROVED FOR RELEASE: Tuesday, September 17, 2002 CIA-RDP86-00513R0005

GLADKIKH, A.N.; MASLENNIKOV, N.I.; FARAFONOV, P.P.

Automatic production lines for bolts and screws. Kuz.-shtam. proizv.  
3 no.1:9-11 Ja '61. (MIRA 14:1)  
(Forging) (Assembly line methods)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

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~~CIA-RDP86-00513R0005~~

GLADKIKH, A.N.; MASLENNIKOV, N.I.

Double action upsetters in the new automatic line. Kuz.shtam.  
proizv. no.4:32-35 Ap.'61. (MIRA 14:3)  
(Forging machinery)

3/153/61/RCC 11/07/61  
2014 AIR

AUTHOR: Gladkikh, A. N., Candidate of Technical Sciences

TOPIC: The effect of steel properties on its cold-upsetting ability

PUBLICATION: Stal', no. 11, 1961, 1030 - 1032

TEXT: The quality of steel used in cold upsetting must meet certain requirements as regards chemical composition and mechanical properties. Steels suitable for cold upsetting must deform easily. This depends on their chemical composition, mechanical properties, microstructure and macrostructure. Moreover, on the shape of the product and method of production. In general it may be said that in steel being used for cold upsetting the carbon, silicon, manganese, sulfur and phosphorus content should be reduced to the lowest limit permissible for that particular steel grade, whereas the carbon content should not exceed 0.5% to increase the ductility of the steel. According to Ref. 2 [V. M. Min'zhikov and M. I. Brinberg; Tekhnologiya kholodnoy vysadki metallov (Technology of Cold upsetting of Metals), Mashgiz, Moscow, 1951] the optimum metal properties in cold upsetting should be in the annealed state:  $\delta_s$  28 - 34 kg/mm<sup>2</sup>,  $\delta_B$  48 - 60 kg/mm<sup>2</sup>,  $\delta_{10}$  - 20%,  $\Psi$  40 - 50%,  $R_E$  207 - 170,  $\delta_s : \delta_B$  0.55 - 0.60. Tests carried out

Carz 1/3

The effect of steel properties...

3/133/61/046-11/11/01  
AG54/A127

with cold-drawn sheets showed that the best stamping properties were obtained at a  $\delta_S : \sigma_B$  ratio not higher than 0.65. In view of the importance of this ratio, this value can be taken as criterion whether steel is suitable for cold upsetting or not. In this connection silicon-free rimmed steel was found suitable for cold upsetting. This steel has a high degree of deformability; its ductility is greater than that of reduced steels, while during drawing-moderately in is work-hardened to a lesser degree than reduced steels and there is also a greater difference between the yield and strength limits. Steel reduced by ferrromanganese and containing 0.17 - 0.37% Si is only suitable for the cold upsetting of parts with a low degree of deformation (0.65 - 0.70%). Tests showed that high-strength steels are unsuitable for cold upsetting, although it is of importance that the strength was obtained. If it is the result of an incorrect annealing process, the steel will have a low ductility. If, however, high strength is the result of intensified reduction during drawing, the adaptability of the metal to cold upsetting can be increased by suitable annealing. Thus the strength limit is a criterion of the deformability of the metal. When selecting metal for cold upsetting, the properties of the metal must correspond to the intricacy of the shape of the product and the degree of deformation required in the upsetting process.

Card 2/3

The effect of steel properties...

S/133/51/COC/011/067/010  
AO64/A137

The following persons are named as having participated in the tests: S. I. Frikht, Engineer, T. Ya. Litoshkina, Engineer, L. F. Polyakova, Engineer, A. A. Kamyshov, Engineer, D. I. Shetilov, Engineer, V. A. Snetsov, Engineer, V. N. Zakharkin, Engineer, V. A. Kozlov, Engineer, and A. I. Vizhina; P. S. Lopatin, Engineer, Yu. I. Mer, Engineer, V. V. Zharebtsova, Engineer, N. D. Kuznetsova, Engineer, and A. N. Savira, Engineer; V. M. Rozenberg, Candidate of Technical Sciences, M. I. Prudnikov, Candidate of Technical Sciences, A. V. Mozhzherin, Engineer, and V. A. Krushilov, Engineer. There are 2 tables and 12 Soviet-bloc references.

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"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

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CIA-RDP86-00513R0005

GLADKIKH, A.N., kand.tekhn.nauk; MASLENNIKOV, N.I.; FARAFONOV, P.P.

Automatic and continuous lines for the hardware manufacture.  
Mashinostroitel' no.12:8-9 D '61. (MIFA 14:12)  
(Machine tools--Technological innovations)  
(Automation)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R0005

GLADKIKH, A.N., kand.tekhn.nauk; STATSENKO, B.A.; GITEL'SON, N.I.

Improving the quality of the steel used for cold upsetting.  
Stal' 21 no.8:758-761 Ag '61. (MIRA 14:9)

1. Gor'kovskiy politekhnicheskiy institut i proyektno-tekhnologicheskiy i nauchno-tekhnicheskiy institut Gor'kovskogo sov-narkhoza.

(Steel--Metallurgy) (Forging)

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CIA-RDP86-00513R000

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CIA-RDP86-00513R0005

GLADKIKH, A.N.

Metal for cold upsetting. Standartizatsiia 25 no.9:22-25 S '61.  
(MIRA 14:9)  
(Forging)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R0005

GLADKIKH, A.A., inzh.

Possibilities of a further improvement in petroleum transportation.  
Zhel.dor.transp. 43 no.2:34-36 F '61. (MIRA 14:4)

1. Zamestitel' nachal'nika Glavnogo upravleniya dvizheniya  
Ministerstva putey soobshcheniya.  
(Petroleum--Transportation)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R0005

GLADKIKH, A.N.

Structure, degree of deformation and the plasticity of steel in  
cold upsetting. Kuz.-shtam. proizv 4 no.6:18-23 Je '62. (MIRA 15:6)  
(Steel--Metallurgy) (Forging)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R0005

GLADKIKH, A.N., kand.tekhn.nauk

Automatic thread-rolling machine for the manufacture of bolts without  
waste. Mashinostroitel' no.7:25-27 Jl '62. (MIRA 15:7)  
(Machine tools)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R0005

GLADKIKH, A.N.; STETSENKO, B.A.

Quality of steel for cold upsetting. Metallurg 8 no.7:29-30  
J1 '63. (MIRA 16:8)

1. Zavod "Krasnaya Etna."  
(Forging)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R0005

GLADKIKH, A.N., kand.tekhn.nauk

Determining the effective parameters of dies with hard alloy  
inserts. Stal' 23 no.3:762-765 Ag '63. (MIRA 16:9)  
(Dies (Metalworking))

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R0005

GLADKIKH, A.S., GUBANOV, I.P., MUSHLERYAKOV, A.A.

Content of reports on the plants of Turkmenia (eastern and  
central, Kopetdag). Inv. AN Turk.SSR.Ser.biol.nauk no.1422-35  
165. (MIRA 1815)

I. Vsesoyuznyj nauchno-issledovatel'skiy institut lekarstvennykh  
rastenij im. N.N. Vavilova. Institut botaniki AN Turkmenской SSR.

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

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CIA-RDP86-00513R0005

MEDVEDEV, A.S.; GLADKIKH, A.T.

Treatment of infectious hepatitis in pregnant women. Zdrav. Turk.  
4 no.5:32-33 8-0 '60. (MIRA 13:12)

1. Iz kafedry infektsionnykh bolezney (zav. - dotsent A.S.Medvedev).  
Turkmenskogo gosudarstvennogo meditsinskogo instituta imeni I.V.  
Stalina.

(HEPATITIS, INFECTIOUS) (PREGNANCY, COMPLICATIONS OF)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

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CIA-RDP86-00513R0005

NAZAROV, I.S. [deceased] D.O. TITOV, N.N., ISKRELEN'STY, Ye.L.;  
GLADKIN, P.Y., S. ALEXOV, V.B.; VASIL'Y, S.A.

Rapid heating of steel in compartment furnaces. Izv.vuz.-ucheb.  
zav.; chern.met. 3 no.6 198-166 '62. (MIA 15:7)

I. Sibirskiy metalurgicheskiy institut,  
(furnaces, Heating)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R0005

MEDIOKRITSKIY, Ye.L.; KUDINOV, Yu.A.; KOROCHKIN, Ye.I.; GLADKIKH, B.Ya.

Aerodynamics of radiation recuperators. Izv.vys.ucheb.zav.; chern.met.  
8 no.8:151-154 '65. (MIRA 18:8)

1. Sibirskiy metallurgicheskiy institut.

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R0005

KOROBOKHIN, I.Yu.; KIRVALIDZE, N.S.; GLADKIKH, D.V.; YESAULOV, A.T.;  
ROMANYUK, I.Ye.; KUTSENKO, I.S.

Accelerating the heating of stainless steel ingots before  
piercing. Biul.TSIICHM no.4:40-42 '61. (MIRA 14:10)

1. Nikopol'skiy Yuzhnотrubnyy zavod.  
(Rolling (Metalwork)) (Steel, Stainless)

POLUKHIN, P. I., prof., doktor tekhn. nauk; OSADCHIY, V. Ya., kand.  
tekhn. nauk; GOLUBCHIK, R. M., kand. tekhn. nauk; KIMOV, V. A.,  
inzh.; KIRVALIDZE, N. S., inzh.; YESAULOV, A. T., inzh.;  
GLADKIKH, D. V., inzh.; MAVRODIY, P. D., inzh.

Improving the grooving of roughing rolls of unit 400 plug  
rolling mills. Sbor. Inst. stali i splav. no.40:319-326 '62.  
(MIRA 16:1)

1. Moskovskiy institut stali i Yuzhnorubnyy zavod.

(Rolls(Iron mills)) (Pipe mills)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

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CIA-RDP86-00513R0005

VOLKOVITSKIY, G.I., dotsent, kand. tekhn. nauk; PISMCHIKOV, G.P., inzh.;  
YUFEROV, V.M., dotsent, kand. tekhn. nauk; DZYUBA, M.I., inzh.;  
SAY, N.F., inzh.; Prinimali uchastiye: SURZHIKOV, V.A., inzh.;  
KOVALEVA, A.D., inzh.; TKACHENKO, A.V., inzh.; KIRVALIDZE, N.S.,  
inzh.; GLADKIKH, D.V., inzh.; YESAULOV, A.T., inzh.

Characteristics of producing large-diameter pipe of Kh18N12M2T  
steel. Stal' 22 no.6:532-535 Je '62. (MIRA 16:7)

1. Yuzhnotrussnyy zavod (for Surzhikov, Kovaleva, Tkachenko,  
Kirvalidze, Gladkikh, Yesaulov.)  
(Pipe, Steel) (Rolling(Metalwork))

GLADKIKH, G.

Publishing House of the All-Union Volunteer Society for Assistance  
to the Army, Air Force, and Navy. Za rul. 18 no. 12:30-31 D '60.  
(MIRA 14:1)

1. Nachal'nik Izdatel'stva Dobrovol'nogo obshchestva sodeystviya  
armii, aviatsii i flotu.  
(Bibliography—Motor vehicles)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

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GLADKIKH, G.

at day(s) 1990 year(s) 1990 month(s) 09 day(s) 17 year(s) 2002

ACC NR: AP6035659

SOURCE CODE: UR/0127/66/000/011/0037/0038

AUTHOR: Gladkikh, G. A. (Engineer)

ORG: Berezniki Potash Combine (Bereznikovskiy kaliyny kombinat)

TITLE: Driving deep ore chutes in a potash mine

SOURCE: Gornyy zhurnal, no. 11, 1966, 37-38

TOPIC TAGS: mining engineering, potassium mineral, potassium, drilling machine

ABSTRACT: The design and operation of PGR-1 machines for driving deep chutes are described. These machines were developed by Permgiprogormash Institute for use in potash mines. Chutes 1.7 m in diameter are drilled at an angle of 70 to 90° from the horizontal through slightly dipping potash beds with insignificant folding, interlayered with soft but abrasive clay up to 2 m thick. The PGR-1 operates on two motors at 80 kw. Its maximum drilling speed is 2.5 m/sec, its weight is 5 tons, and the pitch of its teeth is 36 mm. With freshly sharpened teeth, it traverses 8 m/h, but slows down appreciably after encountering clay at 47--50 m. It operates to a depth of 100 m and requires two workers. The operating scheme of the PGR-1 is shown in Fig. 1. Starting, setting, and operating the machine are described in some detail, and the costs of driving 60-m and 100-m chutes are tabulated. The operation of this machine is

UDC: 622.256:622.363.2

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ACC NR: AP6035659

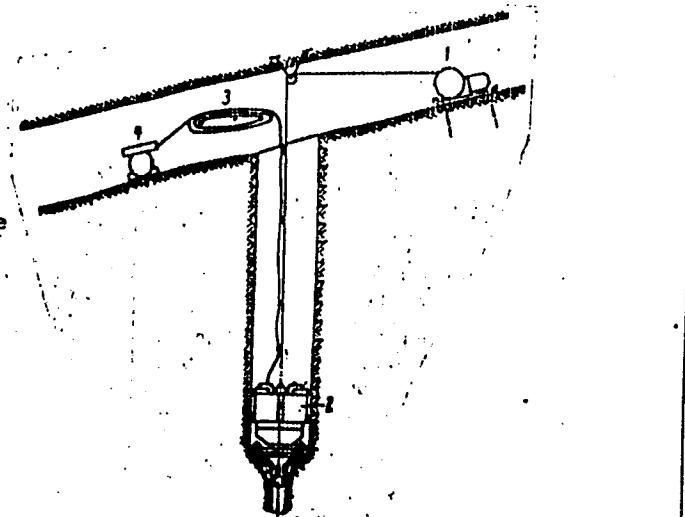


Fig. 1. Operating scheme of the  
PGR-1 machine: 1 - Winch; 2 -  
drilling machine; 3 - excess  
cable; 4 - starter

said to be far more economical than the conventional drilling and blasting technique.  
Orig. art. has: 1 figure and 2 tables.

SUB CODE: 06/ SUBM DATE: none / ATD PRESS: 5106

Card 2/2

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GLADKIKH, G.A., inzh.

Electric locomotive haulage at the Berezniki Mine. Gor. zhur.  
no.11r74 N '64. (MIRA 18:2)

1. Bereznikovskiy kaliyny kombinat.

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BARKOV, N., inzh. (Khar'kov); POLTAVSKIY, G. (Cherkassy); CHELNOKOV, I.B.;  
GLADKIKH, I.A.; NEGRIYENKO, B.A.; BARANNIKOV, M.

Readers' letters. Bezop.truda v prom. 7 no.3:34 Mr '63.

(MIRA 16:3)

1. Komandiry gornospasatel'nykh vvedodov, Donetskaya obl. (for  
Chelnokov, Gladkikh, Negriyenko). 2. Shakhta "Mariya-Glubokaya",  
Luganskaya obl. (for Barannikov).

(Industrial safety)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

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CIA-RDP86-00513R0005

DYAKOVICH, B.B.; GORYAINOV, V.N.; KERZHNER, I.I.; KONONOPOSOVA, L.

Description of crystal hydrates from dilute solutions of sodium sulfate.  
Zhurn. fiz. khim. 39(1965), No. 95-2499 - 1965.

(ZIRK 12:2)

I. M. Dyakovskiy & N. N. Goryainov, V. N. Kerzhner, I. I. Kononopsova.

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

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CIA-RDP86-00513R0005

VOLZHENSKIY, A.V.; GLADKIKH, K.V.

Binders made of granulated fuel slags. Nauch.dokl.vys.shkoly;  
stroi. no.1:171-178 '59. (MIHA 12:10)

1. Rekomendovana kafedroy tekhnologii vyazhushchikh betonov i  
keramiki Moskovskogo inzhenerno-stroitel'nogo instituta imeni  
V.V.Kuybysheva.

(Binding materials) (Slags)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R0005

VOLZHENSKIY, A.V., prof.; GIADKIKH, K.V., inzh.; VINOGRADOV,  
B.N., inzh.

Investigating the hardening processes in binding materials  
made with granular furnace slags. Stroi. mat. 6 no.6:31-  
33 Je '60. (MIRA 13:6)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitek-  
tury SSSR (for Volzhenskiy).  
(Binding materials) (Slag)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

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CIA-RDP86-00513R0005

VOLZHENSKIY, A.V., doktor tekhn.nauk, prof.; GLADKIKH, K.V., inzh.;  
VINOGRADOV, B.N.

Hardening of binding materials based on granulated fuel slags.  
Sbor. ~~trud.~~ VNIINSM no.2:52-74 '60. (MIRA 15:1)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury  
SSSR (for Volzhenskiy).

(Slag)  
(Binding materials)

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CIA-RDP86-00513R0005

VOLZHENSKIY, A.V.; GLADIKH, K.V., inzh.

Fine grained concretes and building products based on binder  
made of granulated furnace slags. Stroi. mat. 6 no.10:22-25 0  
'60. (MIRA 13:10)

1. Deyativitel'nyy chlen Akademii stroitel'stva i arkhitektury  
SSSR.

(Building materials)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R0005

VOLZHENSKIY, A.V., laureat Leninskoy premii, prof., doktor tekhn.nauk;  
VOROB'YEV, I.A.; GLADKIKH, K.V., inzh.; VINOGRADOV, B.N., inzh.;  
IL'YENKO, I.A., inzh.

Use of binding materials made of granulated fuel slag for the  
manufacture of wall materials. Stroi. mat. 8 no.5:5-8 My '62.  
(MIRA 15:7)

1. Direktor zavoda stenovykh blokov No.21 Glavnogo upravleniya  
promyshlennosti stroitel'nykh materialov pri ispolnitel'nom  
komitete Moskovskogo gorodskogo Soveta deputatov trudyashchikhsya  
(for Vorob'yev).

(Slag)  
(Building materials)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

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CIA-RDP86-00513R0005

VOLZHENSKIY, A.V., laureat Leninskoy premii, prof.; GLADIKH, K.V., inzh.;  
CHEN'-KHUA-IN [Ch'en-Hua-ying] inzh.

Air-entrained slag concretes obtained by thermal treatment in  
steam chambers. Stroi. mat. 8 no.6:15-19 Je '62. (MIRA 15:7)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury  
SSSR (for Volzhenskiy).

(Lightweight concrete)  
(Slag) (Autooclaves)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

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CIA-RDP86-00513R0005

VINOGRADOV, B.N., inzh.; GREEENIK, Ye.A., inzh.; GLADKIKH, K.V., inzh.

Hardening processes of binding materials made of granulated blast-furnace slags subject to heat and moisture treatment. Stroi. mat.  
(MIRA 16:5)  
9 no.4:12-15 Ap '63.  
(Binding materials) (Slag)